

In the Claims:

Amend claim 7 to read as follows:

C1 7. (Amended) The method of claim 5, further comprising applying clock gating at the local clock receivers.

Add new claims 35-42 as below.

35. (New) The method of claim 1, wherein the clock signal is a square wave signal.

36. (New) The method of claim 8, wherein the local clock signal is a square wave signal.

C2 37. (New) The clock circuit of claim 13, wherein each local clock signal is a square wave signal.

38. (New) The apparatus of claim 22, wherein the local clock signal is a square wave signal.

39. (New) The method of claim 31, wherein the clock signal is a square wave signal.

40. (New) The method of claim 32, wherein the local clock signal is a square wave signal.

41. (New) The clock circuit of claim 33, wherein each local clock signal is a square wave signal.

42. (New) The apparatus of claim 34, wherein the local clock signal is a square wave signal.